

## CONNECTICUT RIVER BASIN

01189030 PEQUABUCK RIVER AT FARMINGTON, CT

LOCATION.--Lat 41°43'00", long 72°50'25", Hartford County, Hydrologic Unit 01080207, at bridge on Meadow Road at Farmington, and 0.2 mi upstream from Farmington River.

DRAINAGE AREA.--57.2 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1971, 1974 to current year.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
OCT 04...	1015	82	291	289	7.1	10.0	13.5	4.5	9.0	86	540
DEC 07...	1145	147	181	186	7.2	9.0	9.5	9.5	9.0	80	6100
FEB 16...	0940	187	211	210	7.1	2.0	1.0	8.8	13.3	94	3100
APR 19...	1200	113	210	209	7.1	10.5	8.5	3.5	9.8	84	100
JUN 14...	1415	271	143	148	7.0	18.0	15.0	4.1	7.5	74	K260
JUL 25...	0915	50	278	290	7.2	22.5	19.5	2.8	6.5	71	250
AUG 15...	1030	139	221	226	7.2	24.0	18.5	3.2	6.6	71	320
SEP 11...	1345	50	263	273	7.4	26.0	21.0	3.9	7.1	80	180

  

DATE	ENTERO- COCCI ME, MF TOTAL (COL / 100 ML) (31649)	ENTERO- COCCI (MEI) MF 24 HOUR (COL / 100 ML) (90909)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS MG) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT 04...	760	--	71	21.5	4.26	23.6	4.0	0	49	40	26.1
DEC 07...	4400	--	43	12.9	2.65	15.1	2.4	0	38	31	11.6
FEB 16...	820	--	38	11.2	2.42	20.4	2.2	0	35	29	11.8
APR 19...	--	96	47	14.0	2.91	17.0	2.6	0	39	32	11.6
JUN 14...	--	132	35	10.3	2.21	11.9	1.8	0	29	24	8.6
JUL 25...	--	84	64	19.3	3.84	25.8	3.9	0	57	47	14.1
AUG 15...	--	224	44	13.1	2.64	23.2	2.5	0	38	31	20.2
SEP 11...	--	50	60	18.1	3.68	25.0	4.0	0	56	46	13.4

  

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT 04...	32.4	.2	11.0	174	192	.026	3.59	.068	.44	.61	.42
DEC 07...	21.4	.1	8.5	100	124	.165	1.90	.315	.66	.97	.62
FEB 16...	32.2	<.1	7.9	120	124	.015	1.23	1.10	.50	1.6	1.5
APR 19...	26.4	.1	7.5	114	115	.042	1.78	.879	.40	1.3	1.2
JUN 14...	16.6	<.1	8.2	94	95	.017	1.30	.077	.40	.48	.37
JUL 25...	33.8	.1	10.0	171	178	.050	4.78	.066	.46	.52	.47
AUG 15...	24.5	.1	9.5	133	138	.029	1.97	.100	1.2	1.3	.41
SEP 11...	31.6	.3	10.3	163	156	.158	3.65	.124	.56	.69	.60

01189030 PEQUABUCK RIVER AT FARMINGTON, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
OCT 04...	4.1	.311	.263	.182	11	<1	44	<1	4.9	E.7	1
DEC 07...	2.9	.444	.267	.229	9	<1	31	<1	<1.0	<.8	<1
FEB 16...	2.8	.277	.225	.159	35	<1	32	<1	1.4	1.8	<1
APR 19...	3.1	.309	.251	.232	9	<1	33	<1	<1.0	E.6	<1
JUN 14...	1.8	.197	.148	.117	18	<1	30	<1	<1.0	E.5	<1
JUL 25...	5.3	.554	.493	.435	5	<1	44	<1	<1.0	--	<1
AUG 15...	3.3	.277	.209	.173	9	<1	38	<1	<1.0	E.7	<1
SEP 11...	4.3	.552	.503	.435	6	<1	38	<1	<1.0	E.6	<1

  

DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT 04...	12	110	<1	202	<1	14	<1	189	<1	4.7
DEC 07...	7	120	<1	91	<1	5	<1	44	<1	6.0
FEB 16...	8	250	<1	168	<1	5	<1	51	<1	5.6
APR 19...	6	170	<1	63	1	5	<1	27	<1	4.4
JUN 14...	8	280	<1	40	<1	3	<1	18	<1	5.0
JUL 25...	8	150	<1	52	1	4	<1	13	<1	4.2
AUG 15...	7	240	<1	58	<1	4	<1	14	<1	5.0
SEP 11...	9	140	<1	45	1	6	<1	13	<1	4.8